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**PHOTOGRAPHIC
INTERPRETATION
REPORT**

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**EXPANSION OF CHANDIGARH
MILITARY COMPLEX, PUNJAB STATE
INDIA**



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EXPANSION OF CHANDIGARH MILITARY COMPLEX, PUNJAB STATE, INDIA

ABSTRACT

The Chandigarh Military Complex is located in the narrow northwestern tip of India that borders Pakistan and Jammu and Kashmir and is only 60 nautical miles (nm) east of the point at which Indian and Pakistani army units clashed in 1965.

Since 1966, the Indian Army has been expanding its border defenses and major rear support areas on the Pakistan and China invasion routes. However, in late 1968, this expansion program was accelerated and is continuing at a rapid rate.

This report contains three photos, one map, and a textual description of the installations comprising the Chandigarh Military Complex.

SUMMARY

The Chandigarh Military Complex contains a large cantonment, a barracks and storage area, an explosives storage depot, and a major airfield. A SAM support facility and three active SA-2 sites provide a defensive shield for the general area. The cantonment, which covers approximately 4 square nm, contains at least 418 buildings (110 under construction) and approximately 2,870 personnel tents. Vehicles and equipment observed in the cantonment in cloud-free areas include 450 cargo trucks, 35 utility vehicles, 177 pieces of construction equipment, and 185 vehicles or pieces of equipment. The sixty-seven 40mm L-70 type antiaircraft artillery (AAA) pieces and 21 probable SUPER FLEDERMAUS fire control radars observed in the cantonment area indicate the presence of at least one air defense brigade. At least twenty-six 130mm field artillery (FA) pieces are observed in three distinct regimental areas. The large number of personnel tents, coupled with the air defense brigade and three probable field artillery regiments observed in the area, are sufficient to constitute an entire Indian infantry division. The Chandigarh Cantonment, when complete, will accommodate upwards of 40,000 troops and could become the most important cantonment in northwest India.¹

The Chandigarh Barracks and Storage Area is a general supply and vehicle maintenance area containing approximately 145 buildings (15 under construction), 40 small sheds, and 196 tents.

The Chandigarh Explosives Storage Depot Janetpur is located approximately 12 nm south-southwest of the cantonment and contains at least 19 large storage bunkers (12 in the midstages of construction).

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TOP SECRET RUFF**BASIC DESCRIPTION**

The Chandigarh Military Complex (Figure 1) is presently comprised of eight installations. Although some of these installations have been previously identified and reported, they are included to show the extent of the complex and the relationship between installations in the complex. The item numbers are keyed to Figure 1.

1. Chandigarh SAM Site Chandi North C35-2 (30-48-15N 076-44-50E)

The site is located 9 nm northwest of the cantonment and contains a link configuration launch site consisting of six revetted launch positions, a central guidance area with four buildings, three revetted missile-hold areas, and three support buildings. An adjacent support area contains 56 quarters and support buildings and a communications building with a radio mast.

2. Chandigarh Military Cantonment (30-43-35N 076-53-25E)

This recently identified military facility (Figure 2) contains 2,870 tents, 78 large multistory barracks under construction, 276 family units under construction, 308 support and storage buildings, seven water towers (three under construction), two probable underground reservoirs under construction, one sewage disposal facility under construction, 11 probable ammunition revetments, one rifle range, and scattered open storage. Order of battle includes twenty-six 130mm FA pieces, sixty-seven L/70 40mm AAA pieces, 21 probable SUPER FLEDERMAUS fire control radars, and 485 wheeled vehicles. One hundred seventy-seven pieces of construction equipment and 185 unidentified vehicles are also observed.

3. Chandigarh Airfield (30-40-20N 076-47-20E)

The airfield is located 6 nm southwest of the cantonment and contains a 2,743.2-meter (9,000-foot) camouflaged runway, a recently constructed dispersal area with 14 aircraft revetments or hangarages, a recently constructed command and control bunker, FISHBED and HOUND helicopter assembly facilities, 2 major repair and maintenance facilities, a large drive-through assembly and maintenance building under construction, and approximately 175 other support buildings. Order of battle includes 11 FISHBED (one with tail section missing), one FISHBED fuselage, 27 CUB (two without engines), one probable CRATE, 33 HOUND (26 without rotor blades), and 36 probable FISHBED fuselage shipping crates.

4. Chandigarh SAM Support Facility (30-40-00N 076-49-30E)

The support facility is located 7 nm southwest of the cantonment and contains a receiving and storage building, an assembly and checkout building, four revetted storage buildings, a fuel storage bunker, a probably covered waiting area, and 12 support buildings.

5. Chandigarh Barracks and Storage Area (30-39-30N 076-49-40E)

This newly identified military facility (Figure 3), located 5.5 nm southwest of the cantonment, contains 37 large multistory barracks (nine under construction), 196 tents, 64 support buildings (four under construction), 27 storage buildings, 17 vehicle sheds, 40 small sheds, two water towers, and a large open storage area. Order of battle includes nine unidentified AAA pieces, five pieces of probable AAA-associated equipment, 52 wheeled vehicles, and 11 unidentified vehicles or pieces of equipment.

6. Chandigarh SAM Site Rajpura B32-2 (30-34-40N 076-36-00E)

The site is located 18.5 nm southwest of the cantonment and contains a link configuration launch site consisting of six revetted launch positions, a revetted central guidance area with one building, and three revetted missile-hold positions. An adjacent support area contains 46 quarters and support buildings.

7. Chandigarh Explosives Storage Depot Janetpur (30-32-50N 076-48-25E)

This newly identified storage area (Figure 4), located 10.5 nm southwest of the cantonment, contains at least 19 large, vented storage bunkers with a blast wall in front of each entrance (12 in the midstages of construction). Small water basins are being constructed near the bunkers. Current photography covers only 15 percent of the depot.

8. Chandigarh SAM Site Chandi East B02-2 (30-34-15N 076-54-30E)

The site is located 9 nm south-southeast of the cantonment and contains a link configuration launch site consisting of six revetted launch positions, a revetted central guidance area, three revetted missile-hold positions, and two support buildings. An adjacent support area contains 67 quarters and support buildings and two water towers.

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REFERENCES

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MAPS OR CHARTS

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2. NPIC. Increase in Aircraft and Helicopter Assembly Chandigarh Airfield, India, Nov 69 (TOP SECRET RUFF)

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REQUIREMENT

NPIC Project 143251NO

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